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PTO/SB/21 (09-04)

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/053,968
Filing Date	01/22/2002
First Named Inventor	Dennis P. Long et al.
Patent Number	6,944,394
Issue Date	09/13/2005

Attorney Docket Number 7377-000048/US

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Request for Certificate of Correction (3 pages); Certificate of Correction (2 pages); Check in the amount of \$100.00; and Return Receipt Postcard.
Remarks		

Certified  
NOV 15 2005  
Of Correction

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	Harness, Dickey & Pierce, P.L.C.		
Signature			
Printed Name	Kelly K. Burris		
Date	November 7, 2005	Reg. No.	46,361

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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Signature		Date	November 7, 2005

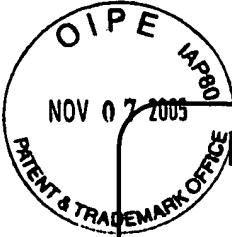
This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 100.00)

## Complete If Known

Application Number 10/053,968

Filing Date 01/22/2002

First Named Inventor Dennis P. Long et al.

Patent Number 6,944,394

Issue Date 09/13/2005

Attorney Docket No. 7377-000048/US

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money  Other  None Order
 Deposit Account:

Deposit Account Number 08-0750

Deposit Account Name Harness, Dickey &amp; Pierce, P.L.C.

The Director is authorized to: (check all that apply)

- 
- Charge fee(s) indicated below
- 
- Credit any overpayments
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- 
- Charge any additional fee(s) or any underpayment of fees under 37 CFR 1.16 and 1.17
- 
- 
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1000	2403	500	Request for oral hearing	
1452	500	2452	250	Petition to revive – unavoidable	
1453	1500	2453	750	Petition to revive – unintentional	
1501	1400	2501	700	Utility issue fee (or reissue)	
1502	800	2502	400	Design issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
Other fee (specify) Certificate of Correction Fee					100

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 100)

## 4. SEARCH/EXAMINATION FEES

1111	500	2111	250	Utility Search Fee	
1112	100	2112	50	Design Search Fee	
1113	300	2113	150	Plant Search Fee	
1114	500	2114	250	Reissue Search Fee	
1311	200	2311	100	Utility Examination Fee	
1312	130	2312	65	Design Examination Fee	
1313	160	2313	80	Plant Examination Fee	
1314	600	2314	300	Reissue Examination Fee	
SUBTOTAL (4) (\$ 0)					

\*\*or number previously paid, if greater; For Reissues, see above

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Kelly K. Burris	Registration No. (Attorney/Agent)	46,361	Telephone	(314) 726-7500
Signature	<i>Kelly K. Burris</i>			Date	November 7, 2005

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NOV 17 2005



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service on November 7, 2005, with sufficient postage as first class mail (including Express Mail per MPEP § 512), and addressed to: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Kelly K. Burns  
Kelly K. Burns, Registration No. 46,361

Patent No. : 6,944,394 B2

Issued: September 13, 2005

Inventors: Dennis P. Long et al.

For: Rapid Response Electric Heat Exchanger

Attorney Docket: 7377-000048/US

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Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. §1.323**

Applicants respectfully request that the Commissioner issue a Certificate of Correction to correct the following errors in the above-referenced patent:

**Claim 1** should be amended to

- (1) replace "generation" with "generating" at column 12, line 28;
- (2) replace "lest" with "least" at column 12, line 33;
- (3) replace "and axial curvature" with "an axial curvature" at column 12, line 33.

**Claim 3** should be amended to replace "tube" with "tubes" at column 12, line 49.

**Claim 7** should be amended to replace "surface" with "surfaces" at column 13, line 2.

**Claim 9** should be amended to insert "a" between "of" and "compact construction" at column 13, line 7.

**Claim 10** should be amended to insert "and" between ";" and "wherein" at column 13, line 16.

**Claim 15** should be amended to replace "outside tube" with "inside tube" at column 13, line 37.

**Claim 18** should be amended to replace "hollow inside tube" with " hollow outside tube" at column 13, line 54.

**Claim 28** should be amended to replace "and axial curvature" with "an axial curvature" at column 14, line 36.

**Claim 33** should be amended to insert "and" between "surface" and "including" at column 14, line 67.

\* \* \* \* \*

Applicants have enclosed Form PTO/SB/44 showing the necessary corrections to the patent. The errors are a result of Applicants' inadvertent typographical mistakes. These errors meet the criteria of 35 U.S.C. § 255 in that they are clerical, typographical, or minor in nature, and the corrections do not constitute new matter or require reexamination.

Applicants also have enclosed the \$100.00 fee set forth in 37 C.F.R. § 1.20(a). Applicants believe that they do not owe any other fee with this request. If, however, Applicants do owe a fee, the Commissioner is hereby authorized to charge the deficiency or overpayment to Deposit Account No. 08-0750. In addition, if there is ever any other fee deficiency or overpayment in connection with this patent, the

Commissioner is hereby authorized to charge such deficiency or overpayment to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: 07 NOV 05

By: Kelly K. Burris  
Kelly K. Burris  
Reg. No. 46, 361

HARNESS, DICKEY & PIERCE, P.L.C.  
7700 Bonhomme Rd.  
Suite 400  
St. Louis, MO 63105  
(314) 726-7500

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

PATENT NO : 6,944,394 B2

DATED : September 13, 2005

INVENTOR(S) : Dennis P. Long et al.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Claim 1**

**Column 12, line 28**

Please replace "generation" with "generating".

**Column 12, line 33**

- (1) Please replace "lest" with "least".
- (2) Please replace "and axial curvature" with "an axial curvature".

**Claim 3**

**Column 12, line 49**

Please replace "tube" with "tubes".

**Claim 7**

**Column 13, line 2**

Please replace "surface" with "surfaces".

**Claim 9**

**Column 13, line 7**

Please insert "a" between "of" and "compact construction".

MAILING ADDRESS OF SENDER:      Harness, Dickey & Pierce, P.L.C.  
     7700 Bonhomme, Suite 400  
     St. Louis, MO 63105

PATENT NO. 6,944,394 B2



This collection of information is required by 37 CFR 1.322 and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 C.F.R. 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comment on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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(NOV 17 2005)

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

PATENT NO : 6,944,394 B2

DATED : September 13, 2005

INVENTOR(S) : Dennis P. Long et al.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Claim 10**

**Column 13, line 16**

Please insert "and" between ";" and "wherein".

**Claim 15**

**Column 13, line 37**

Please replace "outside tube" with "inside tube".

**Claim 18**

**Column 13, line 54**

Please replace "hollow inside tube" with "hollow outside tube".

**Claim 28**

**Column 14, line 36**

Please replace "and axial curvature" with "an axial curvature".

**Claim 33**

**Column 14, line 67**

Please replace "surface including" with "surface and including".

PAGE 2

MAILING ADDRESS OF SENDER:      Harness, Dickey & Pierce, P.L.C.  
     7700 Bonhomme, Suite 400  
     St. Louis, MO 63105

PATENT NO. 6,944,394 B2

This collection of information is required by 37 CFR 1.322 and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 C.F.R. 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comment on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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